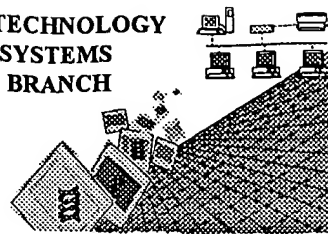


BIOTECHNOLOGY  
SYSTEMS  
BRANCH



**RAW SEQUENCE LISTING**  
**ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/830,915C

Source:

PG/09

Date Processed by STIC:

2/26/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

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TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**  
**VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND  
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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

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3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 01/29/2002



PCT09

## RAW SEQUENCE LISTING

DATE: 02/26/2003

PATENT APPLICATION: US/09/830,915C

TIME: 14:55:43

Input Set : A:\pf0633usn\_seqlist.txt

Output Set: N:\CRF4\02262003\I830915C.raw

**Does Not Comply**  
**Corrected Diskette Needed**

P. 6

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4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
5   HILLMAN, Jennifer L.
6   YUE, Henry
7   TANG, Y. Tom
8   LAL, Preeti
9   CORLEY, Neil C.
10  GUEGLER, Karl J.
11  BAUGHN, Mariah R.
12  AZIMZAI, Yalda
13  LU, Dyung Aina M.
15 <120> TITLE OF INVENTION: MEMBRANE TRANSPORT PROTEINS
17 <130> FILE REFERENCE: PF-0633 USN
19 <140> CURRENT APPLICATION NUMBER: US 09/830,915C
20 <141> CURRENT FILING DATE: 2001-05-01
22 <150> PRIOR APPLICATION NUMBER: US 99/26048
23 <151> PRIOR FILING DATE: 1999-11-04
25 <150> PRIOR APPLICATION NUMBER: US 60/121,896
26 <151> PRIOR FILING DATE: 1999-02-26
28 <150> PRIOR APPLICATION NUMBER: US 60/172,214
29 <151> PRIOR FILING DATE: 1998-12-22
31 <150> PRIOR APPLICATION NUMBER: US 60/172,252
32 <151> PRIOR FILING DATE: 1998-11-24
34 <150> PRIOR APPLICATION NUMBER: US 60/172,255
35 <151> PRIOR FILING DATE: 1998-11-04
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## RAW SEQUENCE LISTING

DATE: 02/26/2003

PATENT APPLICATION: US/09/830,915C

TIME: 14:55:43

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66 Thr Cys Ala Ile Gly Asp Gly Gly Asn Asp Val Ser Met Ile Gln			
67	110	115	120
68 Ala Ala Asp Cys Gly Ile Gly Ile Glu Gly Lys Glu Gly Lys Gln			
69	125	130	135
70 Ala Ser Leu Ala Ala Asp Phe Ser Ile Thr Gln Phe Arg His Ile			
71	140	145	150
72 Gly Arg Leu Leu Met Val His Gly Arg Asn Ser Tyr Lys Arg Ser			
73	155	160	165
74 Ala Ala Leu Gly Gln Phe Val Met His Arg Gly Leu Ile Ile Ser			
75	170	175	180
76 Thr Met Gln Ala Val Phe Ser Ser Val Phe Tyr Phe Ala Ser Val			
77	185	190	195
78 Pro Leu Tyr Gln Gly Phe Leu Met Val Gly Tyr Ala Thr Ile Tyr			
79	200	205	210
80 Thr Met Phe Pro Val Phe Ser Leu Val Leu Asp Gln Asp Val Lys			
81	215	220	225
82 Pro Glu Met Ala Met Leu Tyr Pro Glu Leu Tyr Lys Asp Leu Thr			
83	230	235	240
84 Lys Gly Arg Ser Leu Ser Phe Lys Thr Phe Leu Ile Trp Val Leu			
85	245	250	255
86 Ile Ser Ile Tyr Gln Gly Gly Ile Leu Met Tyr Gly Ala Leu Val			
87	260	265	270
88 Leu Phe Glu Ser Glu Phe Val His Val Val Ala Ile Ser Phe Thr			
89	275	280	285
90 Ala Leu Ile Leu Thr Glu Leu Leu Met Val Ala Leu Thr Val Arg			
91	290	295	300
92 Thr Trp His Trp Leu Met Val Val Ala Glu Phe Leu Ser Leu Gly			
93	305	310	315
94 Cys Tyr Val Ser Ser Leu Ala Phe Leu Asn Glu Tyr Phe Gly Ile			
95	320	325	330
96 Gly Arg Val Ser Phe Gly Ala Phe Leu Asp Val Ala Phe Ile Thr			
97	335	340	345
98 Thr Val Thr Phe Leu Trp Lys Val Ser Ala Ile Thr Val Val Ser			
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DATE: 02/26/2003

PATENT APPLICATION: US/09/830,915C

TIME: 14:55:43

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123 50 55 60
124 Glu Lys Glu Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Lys
125 65 70 75
126 Lys Lys Arg Asp Thr Arg Lys Gly Arg Arg Lys Lys Asp Val Asp
127 80 85 90
128 Asp Asp Gly Glu Glu Lys Glu Leu Met Glu Arg Leu Lys Lys Leu
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131 110 115 120
132 Pro Arg Gly Gly Lys Lys Thr Lys Gly Gly Asn Val Phe Ala Ala
133 125 130 135
134 Leu Ile Gln Asp Gln Ser Glu Glu Glu Glu Glu Glu Glu Lys His
135 140 145 150
136 Pro Pro Lys Pro Ala Lys Pro Glu Lys Asn Arg Ile Asn Lys Ala
137 155 160 165
138 Val Ser Glu Glu Gln Gln Pro Ala Leu Lys Gly Lys Lys Gly Lys
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140 Glu Glu Lys Ser Lys Gly Lys Ala Lys Pro Gln Asn Lys Phe Ala
141 185 190 195
142 Ala Leu Asp Asn Glu Glu Glu Asp Lys Glu Glu Glu Ile Ile Lys
143 200 205 210
144 Glu Lys Glu Pro Pro Lys Gln Gly Lys Glu Lys Ala Lys Lys Ala
145 215 220 225
146 Glu Gln Gly Ser Glu Glu Glu Gly Glu Gly Glu Glu Glu Glu Glu
147 230 235 240
148 Glu Gly Gly Glu Ser Lys Ala Asp Asp Pro Tyr Ala His Leu Ser
149 245 250 255
150 Lys Lys Glu Lys Lys Lys Leu Lys Lys Gln Met Glu Tyr Glu Arg
151 260 265 270
152 Gln Val Ala Ser Leu Lys Ala Ala Asn Ala Ala Glu Asn Asp Phe
153 275 280 285
154 Ser Val Ser Gln Ala Glu Met Ser Ser Arg Gln Ala Met Leu Glu
155 290 295 300
156 Asn Ala Ser Asp Ile Lys Leu Glu Lys Phe Ser Ile Ser Ala His
157 305 310 315
158 Gly Lys Glu Leu Phe Val Asn Ala Asp Leu Tyr Ile Val Ala Gly
159 320 325 330
160 Arg Arg Tyr Gly Leu Val Gly Pro Asn Gly Lys Gly Lys Thr Thr
161 335 340 345
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## RAW SEQUENCE LISTING

DATE: 02/26/2003

PATENT APPLICATION: US/09/830,915C

TIME: 14:55:43

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167		380		385		390
168	Leu Leu Glu Glu	Glu Arg Arg Leu Gln	Gly Gln Leu Glu Gln	Gly		
169		395		400		405
170	Asp Asp Thr Ala	Ala Glu Arg Leu Glu	Lys Val Tyr Glu Glu	Leu		
171		410		415		420
172	Arg Ala Thr Gly	Ala Ala Ala Ala Glu	Ala Lys Ala Arg Arg	Ile		
173		425		430		435
174	Leu Ala Gly Leu	Gly Phe Asp Pro Glu	Met Gln Asn Arg Pro	Thr		
175		440		445		450
176	Gln Lys Phe Ser	Gly Gly Trp Arg Met	Arg Val Ser Leu Ala	Arg		
177		455		460		465
178	Ala Leu Phe Met	Glu Pro Thr Leu Leu	Met Leu Asp Glu Pro	Thr		
179		470		475		480
180	Asn His Leu Asp	Leu Asn Ala Val Ile	Trp Leu Asn Asn Tyr	Leu		
181		485		490		495
182	Gln Gly Trp Arg	Lys Thr Leu Leu Ile	Val Ser His Asp Gln	Gly		
183		500		505		510
184	Phe Leu Asp Asp	Val Cys Thr Asp Ile	Ile His Leu Asp Ala	Gln		
185		515		520		525
186	Arg Leu His Tyr	Tyr Arg Gly Asn Tyr	Met Thr Phe Lys Lys	Met		
187		530		535		540
188	Tyr Gln Gln Lys	Gln Lys Glu Leu Leu	Lys Gln Tyr Glu Lys	Gln		
189		545		550		555
190	Glu Lys Lys Leu	Lys Glu Leu Lys Ala	Gly Gly Lys Ser Thr	Lys		
191		560		565		570
192	Gln Ala Glu Lys	Gln Thr Lys Glu Ala	Leu Thr Arg Lys Gln	Gln		
193		575		580		585
194	Lys Cys Arg Arg	Lys Asn Gln Asp Glu	Glu Ser Gln Glu Ala	Pro		
195		590		595		600
196	Glu Leu Leu Lys	Arg Pro Lys Glu Tyr	Thr Val Arg Phe Thr	Phe		
197		605		610		615
198	Pro Asp Pro Pro	Pro Leu Ser Pro Pro	Val Leu Gly Leu His	Gly		
199		620		625		630
200	Val Thr Phe Gly	Tyr Gln Gly Gln Lys	Pro Leu Phe Lys Asn	Leu		
201		635		640		645
202	Asp Phe Gly Ile	Asp Met Asp Ser Arg	Ile Cys Ile Val Gly	Pro		
203		650		655		660
204	Asn Gly Val Gly	Lys Ser Thr Leu Leu	Leu Leu Leu Thr Gly	Lys		
205		665		670		675
206	Leu Thr Pro Thr	His Gly Glu Met Arg	Lys Asn His Arg Leu	Lys		
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208	Ile Gly Phe Phe	Asn Gln Gln Tyr Ala	Glu Gln Leu Arg Met	Glu		
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## RAW SEQUENCE LISTING

DATE: 02/26/2003

PATENT APPLICATION: US/09/830,915C

TIME: 14:55:43

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Output Set: N:\CRF4\02262003\I830915C.raw

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215          740          745          750
216 Arg Val Val Phe Ala Glu Leu Ala Cys Arg Glu Pro Asp Val Leu
217          755          760          765
218 Ile Leu Asp Glu Pro Thr Asn Asn Leu Asp Ile Glu Ser Ile Asp
219          770          775          780
220 Ala Leu Gly Glu Ala Ile Asn Glu Tyr Lys Gly Ala Val Ile Val
221          785          790          795
222 Val Ser His Asp Ala Arg Leu Ile Thr Glu Thr Asn Cys Gln Leu
223          800          805          810
224 Trp Val Val Glu Glu Gln Ser Val Ser Gln Ile Asp Gly Asp Phe
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245          20          25          30
246 Asp Ala Leu Leu His Cys Leu Thr Thr Ser Arg Ala Arg Ala Leu
247          35          40          45
248 Val Phe Gly Ser Glu Met Ala Ser Ala Ile Cys Glu Val His Ala
249          50          55          60
250 Ser Leu Asp Pro Ser Leu Ser Leu Phe Cys Ser Gly Ser Trp Glu
251          65          70          75
252 Pro Gly Ala Val Pro Pro Ser Thr Glu His Leu Asp Pro Leu Leu
253          80          85          90
254 Lys Asp Ala Pro Lys His Leu Pro Ser Cys Pro Asp Lys Gly Phe
255          95          100          105
256 Thr Asp Lys Leu Phe Tyr Ile Tyr Thr Ser Gly Thr Thr Gly Leu
257          110          115          120
258 Pro Lys Ala Ala Ile Val Val His Ser Arg Tyr Tyr Arg Met Ala
259          125          130          135
260 Ala Leu Val Tyr Tyr Gly Phe Arg Met Arg Pro Asn Asp Ile Val
261          140          145          150
262 Tyr Asp Cys Leu Pro Leu Tyr His Ser Ala Gly Asn Ile Val Gly
263          155          160          165
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9/830,9/5C 6

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MANDATORY numeric  
identifier and its  
response whenever

<308> has a  
response

This error also appears in sequences 36 through 42

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/830,915C

DATE: 02/26/2003

TIME: 14:55:44

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L:2223 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:38  
L:2303 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:39  
L:2383 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:40  
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